

POLYESTER TRIGLYCIDYL ISOCYANURATE RESIN  
POWDER COATINGS BASED ON  
1,3-PROPANEDIOL

5 ABSTRACT OF THE DISCLOSURE:

Disclosed is a carboxyl capped polyester powder coating composition, where the polyester has an acid number of 10 to 100 mg KOH/g, characterized by improved flexibility without significant loss of other properties, said powder coating prepared by substituting 5 to 90 mole % of the aliphatic diol in the polyester resin with 1,3-propanediol, and reacting with one or more dicarboxylic acids and trimethylolpropane, and formulating into a powder coating with a triglycidyl isocyanurate resin.

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